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| Subst. Form PTO-1449<br><b>APPLICANT'S INFORMATION<br/>DISCLOSURE STATEMENT</b> | Atty. Docket No.: 22727/04066 | Serial No.: 10/044,300  |
|   | Applicant: Grotewold          |                         |
|   | Filing Date: October 26, 2001 | Group: Not yet assigned |

## U.S. PATENT DOCUMENTS

| Initial* |    | Document No. | Date | Name | Class | Subcl. | Filing Date |
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|          | AA |              |      |      |       |        |             |
|          | AB |              |      |      |       |        |             |
|          | AC |              |      |      |       |        |             |
|          | AD |              |      |      |       |        |             |

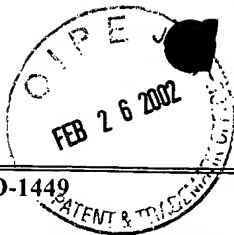
## FOREIGN PATENT DOCUMENTS

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|  | AE |              |      |         |       |        |              |
|  | AF |              |      |         |       |        |              |
|  | AG |              |      |         |       |        |              |
|  | AH |              |      |         |       |        |              |
|  | AI |              |      |         |       |        |              |

## OTHER PRIOR ART

|                     |    |  |
|---------------------|----|--|
| AM                  | AJ | "Insertional Mutagenesis of the Maize <i>P</i> Gene by Intragenic Transposition of <i>Ac</i> " by Athma, et al., <u>Genetics</u> , 131:199-209 (May, 1992).  |
|                     | AK | "Variation in the ability of the maize <i>Lc</i> regulatory gene to upregulate flavonoid biosynthesis in heterologous systems" by Bradley, et al., <u>Plant Science</u> , 140 (1999) 31-39.  |
|                     | AL | "Newly Discovered Plant <i>c-myb</i> -Like Genes Rewrite the Evolution of the Plant <i>myb</i> Gene Family" by Braun, et al., <u>Plant Physiology</u> , September 1999, Vol. 121, pp. 21-24.   |
|                     | AM | "Chapter Five: Transcription Factors and Metabolic Engineering: Novel Applications for Ancient Tools" by Braun, et al., <u>Rec. Adv. Phyto.</u> , 2001, pp. 79-109.  |
|                     | AN | "Fungal Zuotin Proteins Evolved from MIDA1-like Factors by Lineage-Specific Loss of MYB Domains" by Braun, et al., <u>Mol. Biol. Evol.</u> 18(7): 1401-1412, 2001.   |
|                     | AO | "Expression Profiling of the Maize Flavonoid Pathway Genes Controlled by Estradiol-Inducible Transcription Factors CRC and P" by Bruce, et al., <u>The Plant Cell</u> , Vol. 12, 65-79, January 2000.  |
|                     | AP | "Functional Conservation of Plant Secondary Metabolic Enzymes Revealed by Complementation of Arabidopsis Flavonoid Mutants with Maize Genes" by Dong, et al., <u>Plant Physiology</u> , September 2001, Vol. 127 pp. 46-57.                                |
|                     | AQ | "Alternatively spliced products of the maize <i>P</i> gene encode proteins with homology to the DNA-binding domain of <i>myb</i> -like transcription factors" by Grotewold, et al., <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 88, pp. 4587-4591, June 1991. |
|                     | AR | "A possible hot spot for <i>Ac</i> insertion in the maize <i>P</i> gene" by Grotewold, et al., <u>Mol Gen Genet.</u> (1991) 230:329-331.   |
| AM                  | AS | "Isolation and characterization of a maize gene encoding chalcone flavanone isomerase" by Grotewold, et al., <u>Mol Gen Genet.</u> (1994) 242:1-8.   |
| Examiner: <u>AM</u> |    | Date Considered: <u>4/29/0</u>   |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609; draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.



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## OTHER PRIOR ART

|    |    |   |
|----|----|---|
| Am | AG | "The <i>myb</i> -Homologous <i>P</i> Gene Controls Phlobaphene Pigmentation in Maize Floral Organs by Directly Activating Biosynthetic Gene Subset" by Grotewold, et al., <i>Cell</i> , Vol. 76, 543-553, February 11, 1994.  |
|    | AH | "Engineering Secondary Metabolism in Maize Cells by Ectopic Expression of Transcription Factors" by Grotewold, et al., <i>The Plant Cell</i> , Vol. 10, 721-740, May 1998.  |
|    | AI | "Identification of the residues in the Myb domain of maize C1 that specify the interaction with the bHLH cofactor R" by Grotewold, et al., <i>PNAS</i> , December 5, 2000, Vol. 97, No. 25, pp. 13579-13584.  |
|    | AJ | "Subcellular trafficking of phytochemicals" by Grotewold, <i>Recent Res. Devel. Plant Physiol.</i> , 2 (2001):31-48.  |
|    | AK | " <i>Arabidopsis</i> and <i>Nicotiana</i> Anthocyanin Production Activated by Maize Regulators <i>R</i> and <i>C1</i> " by Lloyd, et al., <i>Science</i> , Vol. 258, December 11, 1992, pp. 1773-1775.  |
|    | AL | "A Regulatory Gene as a Novel Visible Marker for Maize Transformation" by Ludwig, et al., <i>Science</i> January 26, 2000, Vol. 247, pp. 449-450.   |
|    | AM | "Maize <i>R2R3 Myb</i> Genes: Sequence Analysis Reveals Amplification in the Higher Plants" by Rabinowicz, et al. <i>Genetics</i> , 153:427-444 (September 1999).   |
|    | AN | "A novel reverse-genetic approach (SIMF) identifies <i>Mutator</i> insertions in <i>Myb</i> genes" by Rabinowicz, et al., <i>Planta</i> (2000) 211: 887-893.  |
|    | AO | "Anthocyanin regulatory mutations in pea: effects on gene expression and complementation by <i>R</i> -like genes of maize" by Uimari, et al., <i>Mol Gen Genet</i> (1998) 257: 198-204.   |
|    | AP | "Differences between Plant and Animal Myb Domains Are Fundamental for DNA Binding Activity, and Chimeric Myb Domains Have Novel DNA Binding Specificities" by Williams, et al., <i>The Journal of Biological Chemistry</i> , Vol. 272, No. 1, January 3, 1997, pp. 563-571. |
| Am | AQ | "A cytochrome <i>b<sub>5</sub></i> is required for full activity of flavonoid 3,5 -hydroxylase, a cytochrome P450 involved in the formation of blue flower colors" by De Vetten, et al., <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 96, pp. 778-783, January 1999.            |
|    | AR | <del>"How genes paint flowers and seeds" by Mol, et al., <i>Trends in Plant Science</i>.</del>  |
| Am | AS | "Evidence for Direct Activation of an Anthocyanin Promoter by the Maize C1 Protein and Comparison of DNA Binding by Related Myb Domain Proteins" by Sainz, et al., <i>The Plant Cell</i> , Vol. 9, 611-625, April 1997.   |

Examiner:

Date Considered: 4/29/03

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